FIG. 1

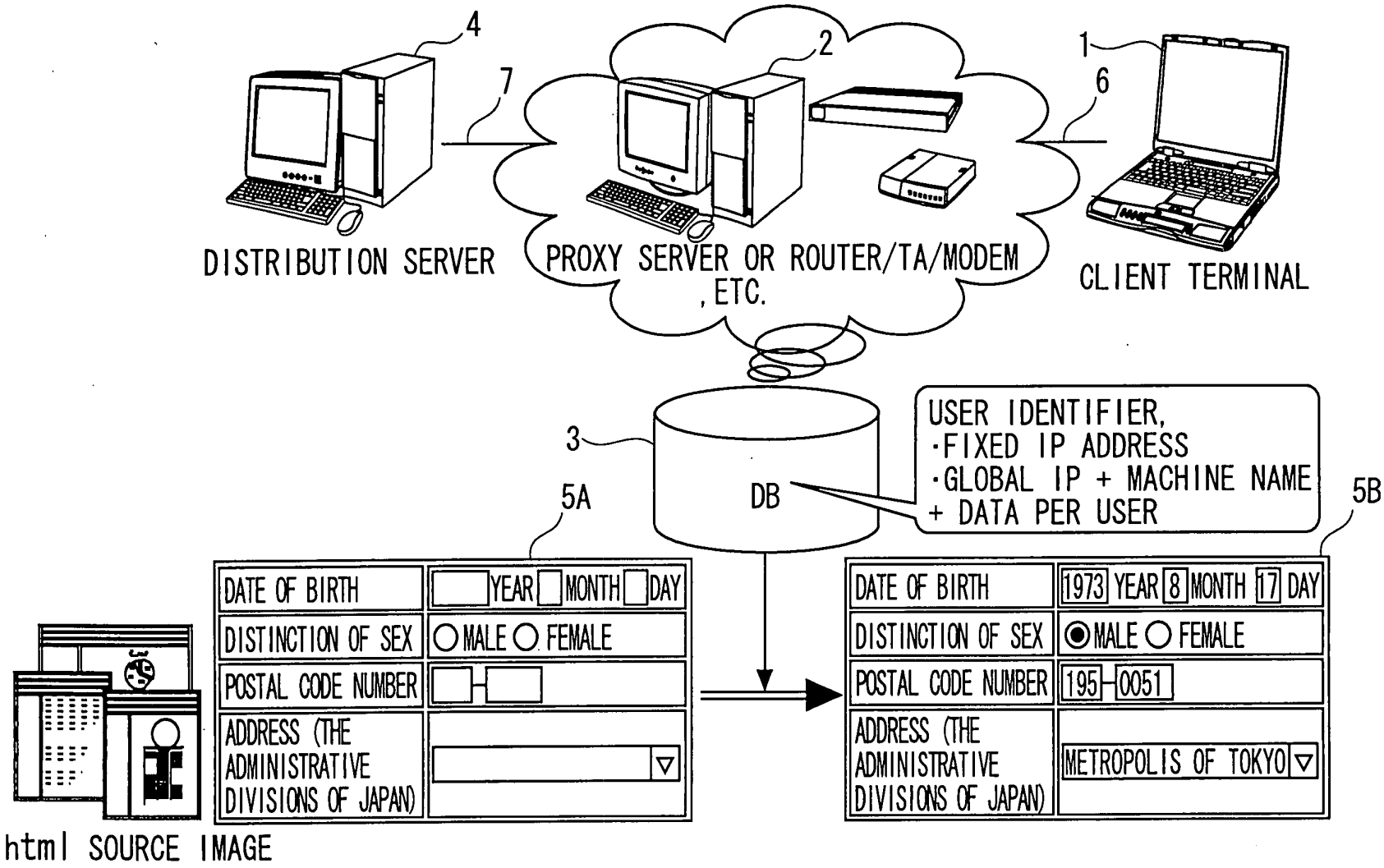

4
2
1
7
6
DISTRIBUTION SERVER
PROXY SERVER OR ROUTER/TA/MODEM
, ETC.
CLIENT TERMINAL
3
DB
USER IDENTIFIER,
·FIXED IP ADDRESS
·GLOBAL IP + MACHINE NAME
+ DATA PER USER
5A
5B
DATE OF BIRTH
YEAR MONTH DAY
DISTINCTION OF SEX
MALE FEMALE
POSTAL CODE NUMBER
ADDRESS (THE ADMINISTRATIVE DIVISIONS OF JAPAN)
DATE OF BIRTH
1973 YEAR 8 MONTH 17 DAY
DISTINCTION OF SEX
MALE FEMALE
POSTAL CODE NUMBER
195 0051
ADDRESS (THE ADMINISTRATIVE DIVISIONS OF JAPAN)
METROPOLIS OF TOKYO
html SOURCE IMAGE

FIG. 2

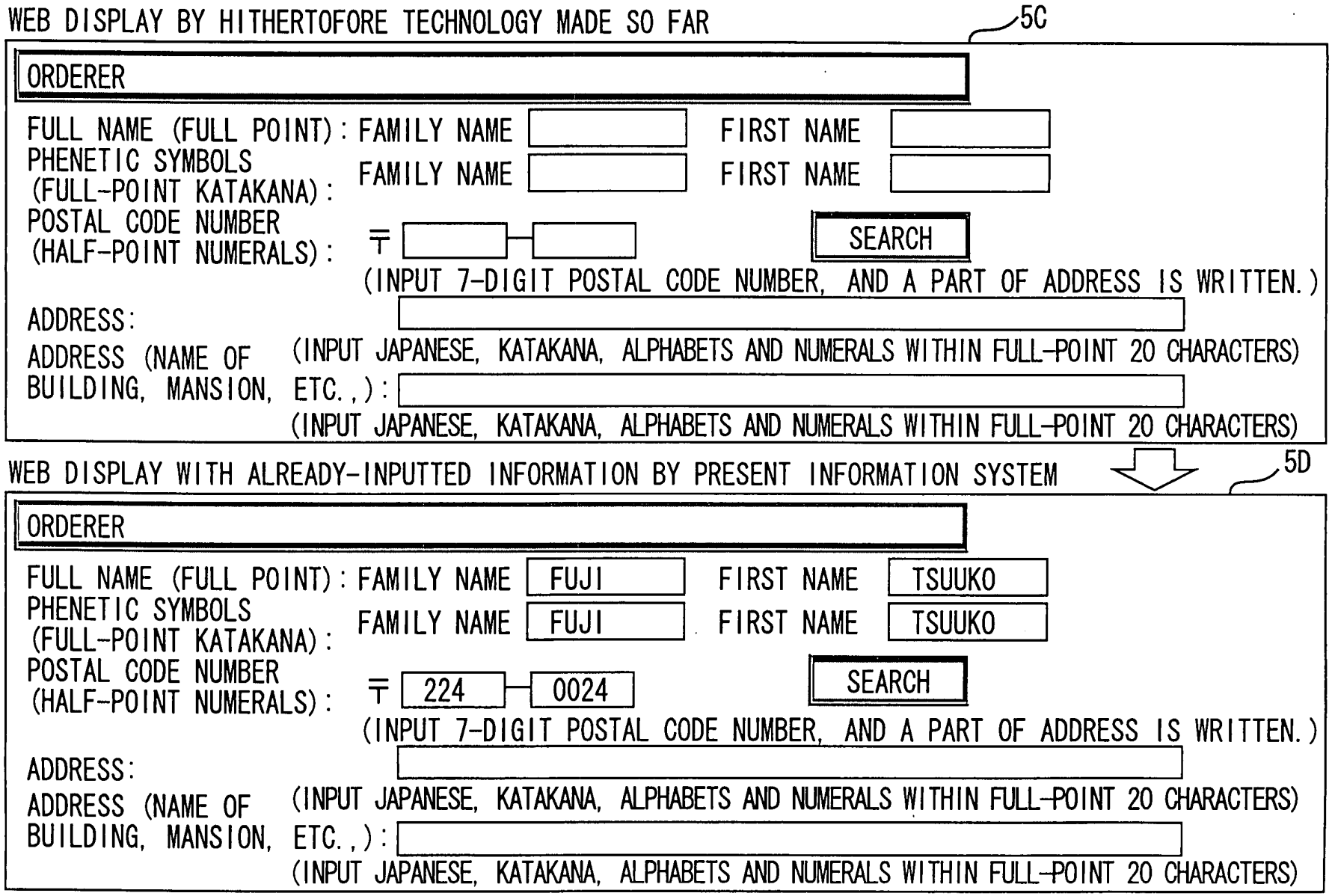

WEB DISPLAY BY HITHERTOFORE TECHNOLOGY MADE SO FAR
5C
ORDERER
FULL NAME (FULL POINT): FAMILY NAME
FIRST NAME
PHENETIC SYMBOLS (FULL-POINT KATAKANA): FAMILY NAME
FIRST NAME
POSTAL CODE NUMBER (HALF-POINT NUMERALS): 〒
SEARCH
(INPUT 7-DIGIT POSTAL CODE NUMBER, AND A PART OF ADDRESS IS WRITTEN.)
ADDRESS:
ADDRESS (NAME OF BUILDING, MANSION, ETC.,):
(INPUT JAPANESE, KATAKANA, ALPHABETS AND NUMERALS WITHIN FULL-POINT 20 CHARACTERS)
(INPUT JAPANESE, KATAKANA, ALPHABETS AND NUMERALS WITHIN FULL-POINT 20 CHARACTERS)
WEB DISPLAY WITH ALREADY-INPUTTED INFORMATION BY PRESENT INFORMATION SYSTEM
5D
ORDERER
FULL NAME (FULL POINT): FAMILY NAME FUJI
FIRST NAME TSUUKO
PHENETIC SYMBOLS (FULL-POINT KATAKANA): FAMILY NAME FUJI
FIRST NAME TSUUKO
POSTAL CODE NUMBER (HALF-POINT NUMERALS): 〒 224 — 0024
SEARCH
(INPUT 7-DIGIT POSTAL CODE NUMBER, AND A PART OF ADDRESS IS WRITTEN.)
ADDRESS:
ADDRESS (NAME OF BUILDING, MANSION, ETC.,):
(INPUT JAPANESE, KATAKANA, ALPHABETS AND NUMERALS WITHIN FULL-POINT 20 CHARACTERS)
(INPUT JAPANESE, KATAKANA, ALPHABETS AND NUMERALS WITHIN FULL-POINT 20 CHARACTERS)

FIG. 3

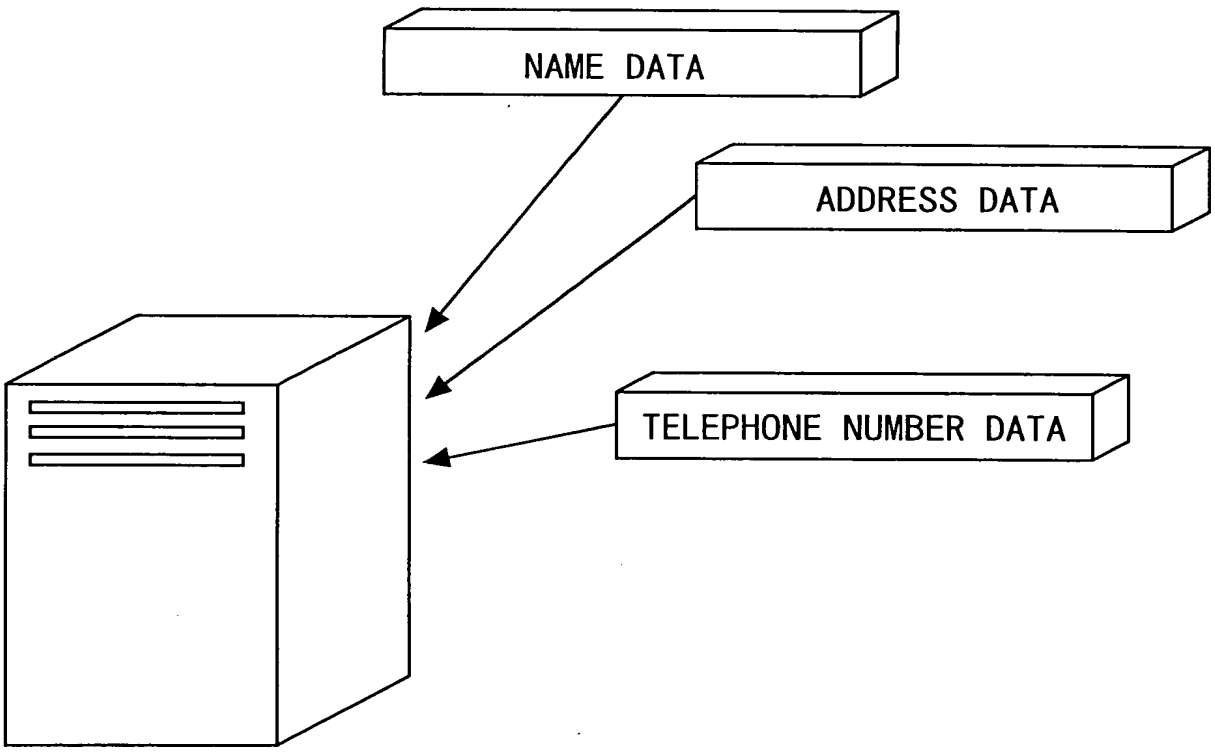


FIG. 4

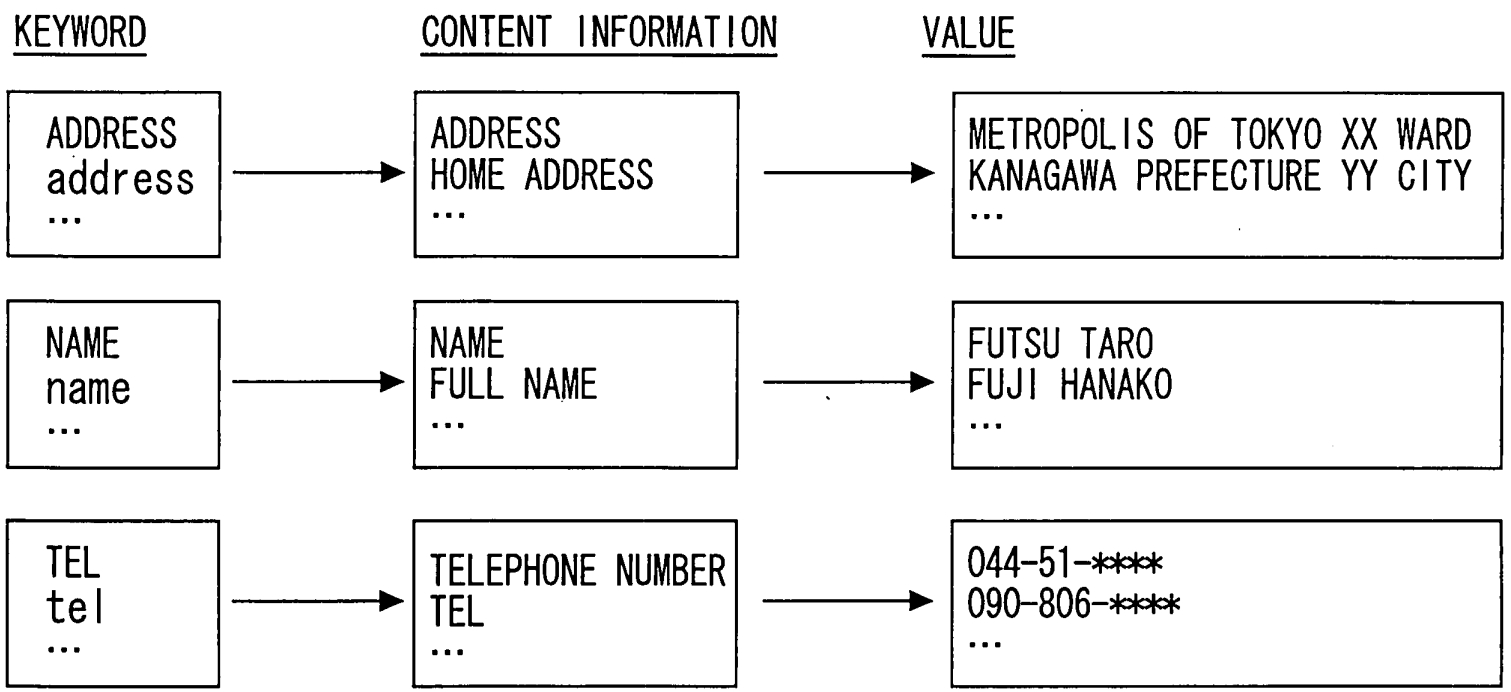

KEYWORD
CONTENT INFORMATION
VALUE
ADDRESS
address
...
ADDRESS
HOME ADDRESS
...
METROPOLIS OF TOKYO XX WARD
KANAGAWA PREFECTURE YY CITY
...
NAME
name
...
NAME
FULL NAME
...
FUTSU TARO
FUJI HANAKO
...
TEL
tel
...
TELEPHONE NUMBER
TEL
...
044-51-****
090-806-****
...

FIG. 5

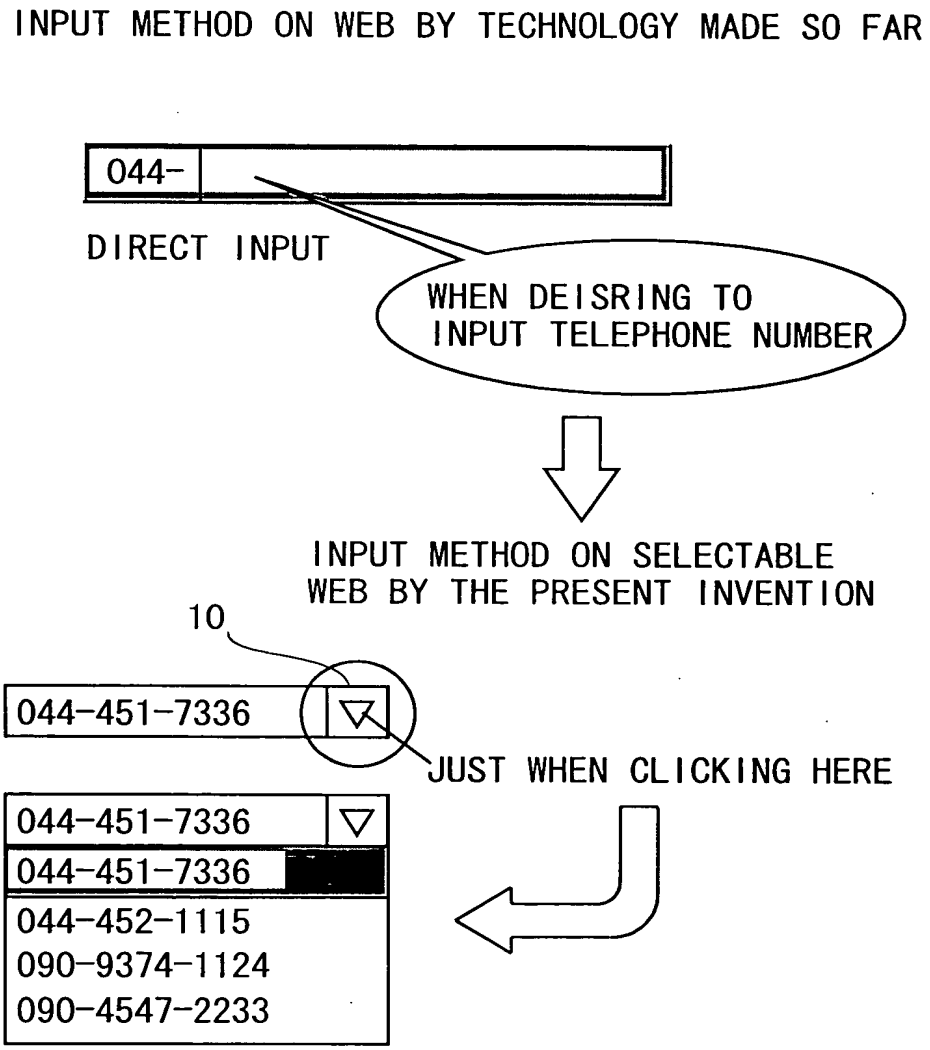

INPUT METHOD ON WEB BY TECHNOLOGY MADE SO FAR
044-
DIRECT INPUT
WHEN DEISRING TO
INPUT TELEPHONE NUMBER
INPUT METHOD ON SELECTABLE
WEB BY THE PRESENT INVENTION
10
044-451-7336
JUST WHEN CLICKING HERE
044-451-7336
044-451-7336
044-452-1115
090-9374-1124
090-4547-2233

FIG. 6

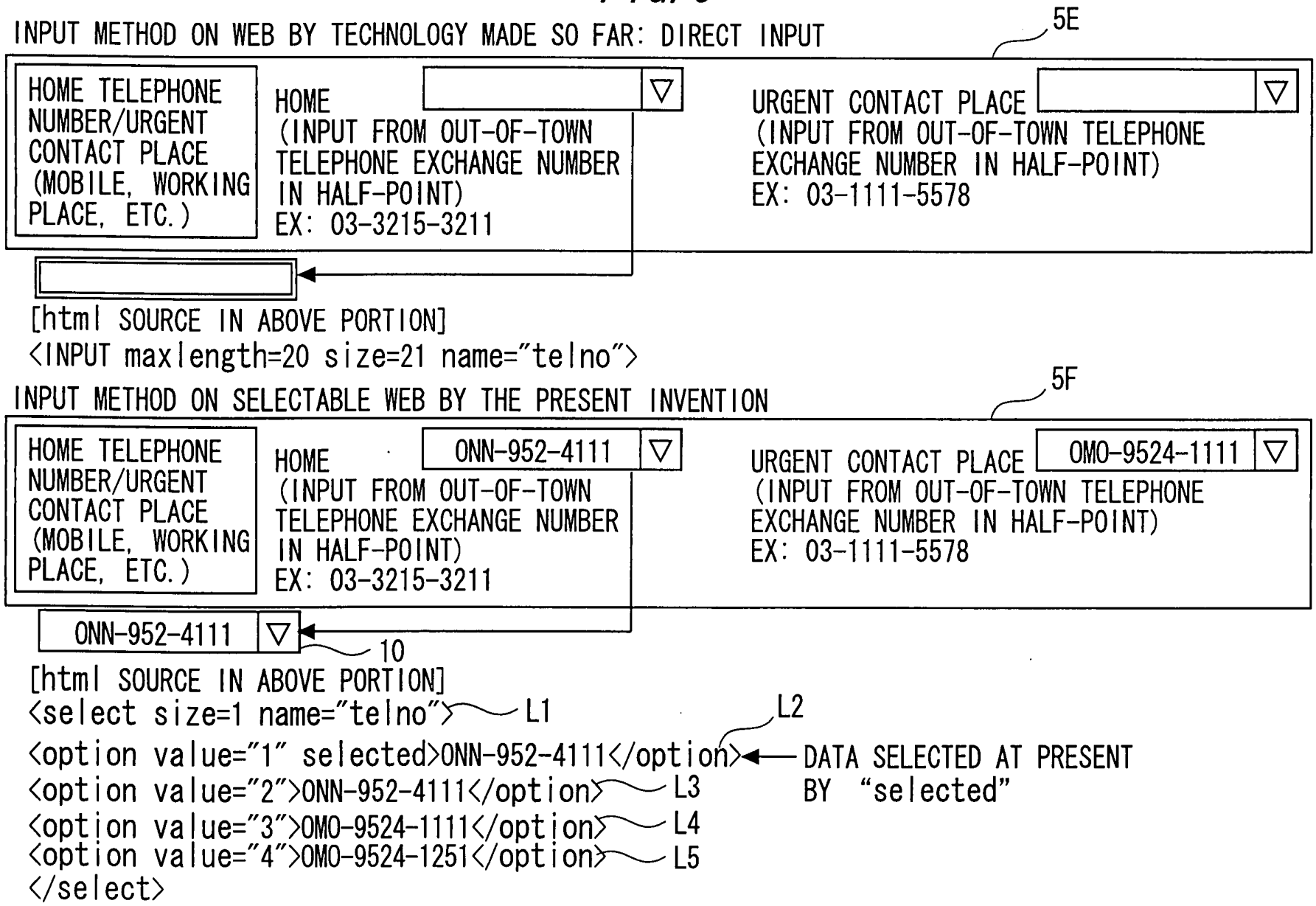

INPUT METHOD ON WEB BY TECHNOLOGY MADE SO FAR: DIRECT INPUT
5E
HOME TELEPHONE NUMBER/URGENT CONTACT PLACE (MOBILE, WORKING PLACE, ETC.)
HOME
(INPUT FROM OUT-OF-TOWN TELEPHONE EXCHANGE NUMBER IN HALF-POINT)
EX: 03-3215-3211
URGENT CONTACT PLACE
(INPUT FROM OUT-OF-TOWN TELEPHONE EXCHANGE NUMBER IN HALF-POINT)
EX: 03-1111-5578
[html SOURCE IN ABOVE PORTION]
<INPUT maxlength=20 size=21 name="telno">
INPUT METHOD ON SELECTABLE WEB BY THE PRESENT INVENTION
5F
HOME TELEPHONE NUMBER/URGENT CONTACT PLACE (MOBILE, WORKING PLACE, ETC.)
HOME
ONN-952-4111
(INPUT FROM OUT-OF-TOWN TELEPHONE EXCHANGE NUMBER IN HALF-POINT)
EX: 03-3215-3211
URGENT CONTACT PLACE
OMO-9524-1111
(INPUT FROM OUT-OF-TOWN TELEPHONE EXCHANGE NUMBER IN HALF-POINT)
EX: 03-1111-5578
ONN-952-4111
10
[html SOURCE IN ABOVE PORTION]
<select size=1 name="telno"> L1
<option value="1" selected>ONN-952-4111</option> L2
DATA SELECTED AT PRESENT BY "selected"
<option value="2">ONN-952-4111</option> L3
<option value="3">OMO-9524-1111</option> L4
<option value="4">OMO-9524-1251</option> L5
</select>

FIG. 7

USER IDENTIFYING INFORMATION	KEYWORD	CONTENT INFORMATION	VALUE OF USER INFORMATION (LIST DISPLAY)	LATEST USING DATE	ACCESS COUNT
USER ① FIXED IP: [111.22.33.123] (OR GLOBAL IP+MACHINE NAME)	ADDRESS	ADDRESS	METROPOLIS OF TOKYO XX WARD···	2002/09/18	5
	address	HOME ADDRESS	KANAGAWA PREFECTURE OO CITY···	2002/08/05	3
	JUSHO	ADDRESS OF COMPANY			
	JITAKU				
	NAME	NAME	SUZUKI TARO	2002/09/18	5
	Name	FULL NAME			
	NAMAE				
	SHIMEI				
	TEL	TELEPHONE NUMBER	03-1111-2222	2002/09/18	4
	Tel	TEL	044-111-2222	2002/08/05	3
	PHONE		090-111-2222	2002/07/05	1
	DENWA				
USER ② FIXED IP: [101.33.44.231] (OR GLOBAL IP+MACHINE NAME)	ADDRESS	ADDRESS	KANAGAWA PREFECTURE XX CITY···	2002/09/18	5
	address	HOME ADDRESS	KANAGAWA PREFECTURE OO CITY···	2002/08/05	3
	JUSHO	ADDRESS OF COMPANY			
	JITAKU				
	NAME	NAME	TAKAHASHI HANAKO	2002/098/05	3
	Name	FULL NAME			
	NAMAE				
	SHIMEI				
	TEL	TELEPHONE NUMBER	045-111-2222	2002/09/18	6
	Tel	TEL	045-222-3333	2002/08/05	3
	PHONE		090-2222-3333	2002/07/05	1
	DENWA				
USER ③ FIXED IP: (OR GLOBAL IP+MACHINE NAME: [110.44.55.132] + jtanaka)	ADDRESS	ADDRESS	SAITAMA PREFECTURE Δ ΔCITY···	2002/08/05	3
	address	HOME ADDRESS	METROPOLIS OF TOKYO OO WARD···	2002/07/05	1
	JUSHO	ADDRESS OF COMPANY			
	JITAKU				
	NAME	NAME	TANAKA JIRO	2002/07/05	1
	Name	FULL NAME			
	NAMAE				
	SHIMEI				
	TEL	TELEPHONE NUMBER	048-111-2222	2002/09/18	5
	Tel	TEL	03-2222-3333	2002/08/05	3
	PHONE		070-1111-2222	2002/07/05	2
	DENWA				

FIG. 8

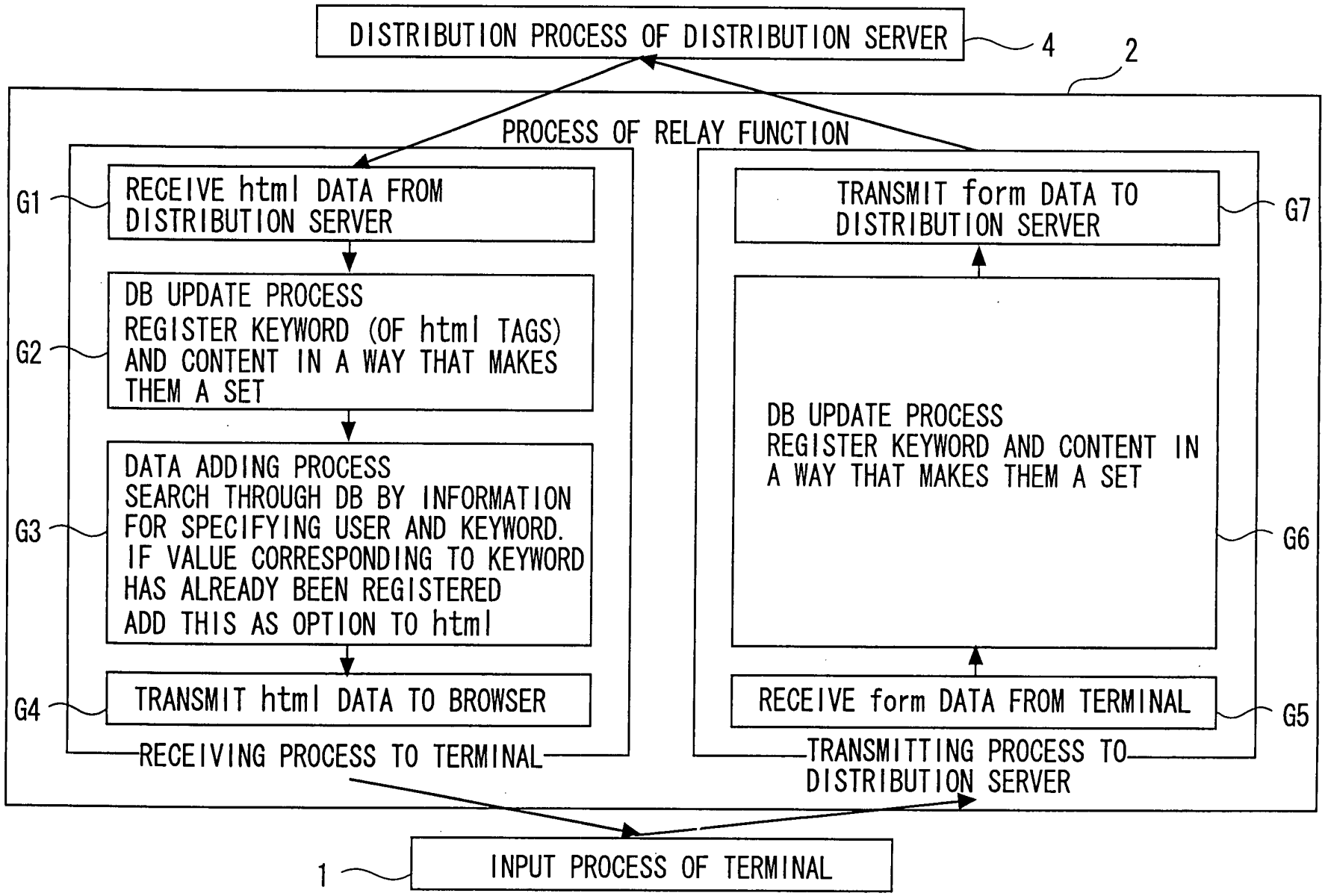

DISTRIBUTION PROCESS OF DISTRIBUTION SERVER
4
2
PROCESS OF RELAY FUNCTION
G1
RECEIVE html DATA FROM DISTRIBUTION SERVER
G2
DB UPDATE PROCESS
REGISTER KEYWORD (OF html TAGS) AND CONTENT IN A WAY THAT MAKES THEM A SET
G3
DATA ADDING PROCESS
SEARCH THROUGH DB BY INFORMATION FOR SPECIFYING USER AND KEYWORD.
IF VALUE CORRESPONDING TO KEYWORD HAS ALREADY BEEN REGISTERED
ADD THIS AS OPTION TO html
G4
TRANSMIT html DATA TO BROWSER
RECEIVING PROCESS TO TERMINAL
G7
TRANSMIT form DATA TO DISTRIBUTION SERVER
DB UPDATE PROCESS
REGISTER KEYWORD AND CONTENT IN A WAY THAT MAKES THEM A SET
G6
RECEIVE form DATA FROM TERMINAL
G5
TRANSMITTING PROCESS TO DISTRIBUTION SERVER
1
INPUT PROCESS OF TERMINAL

FIG. 9

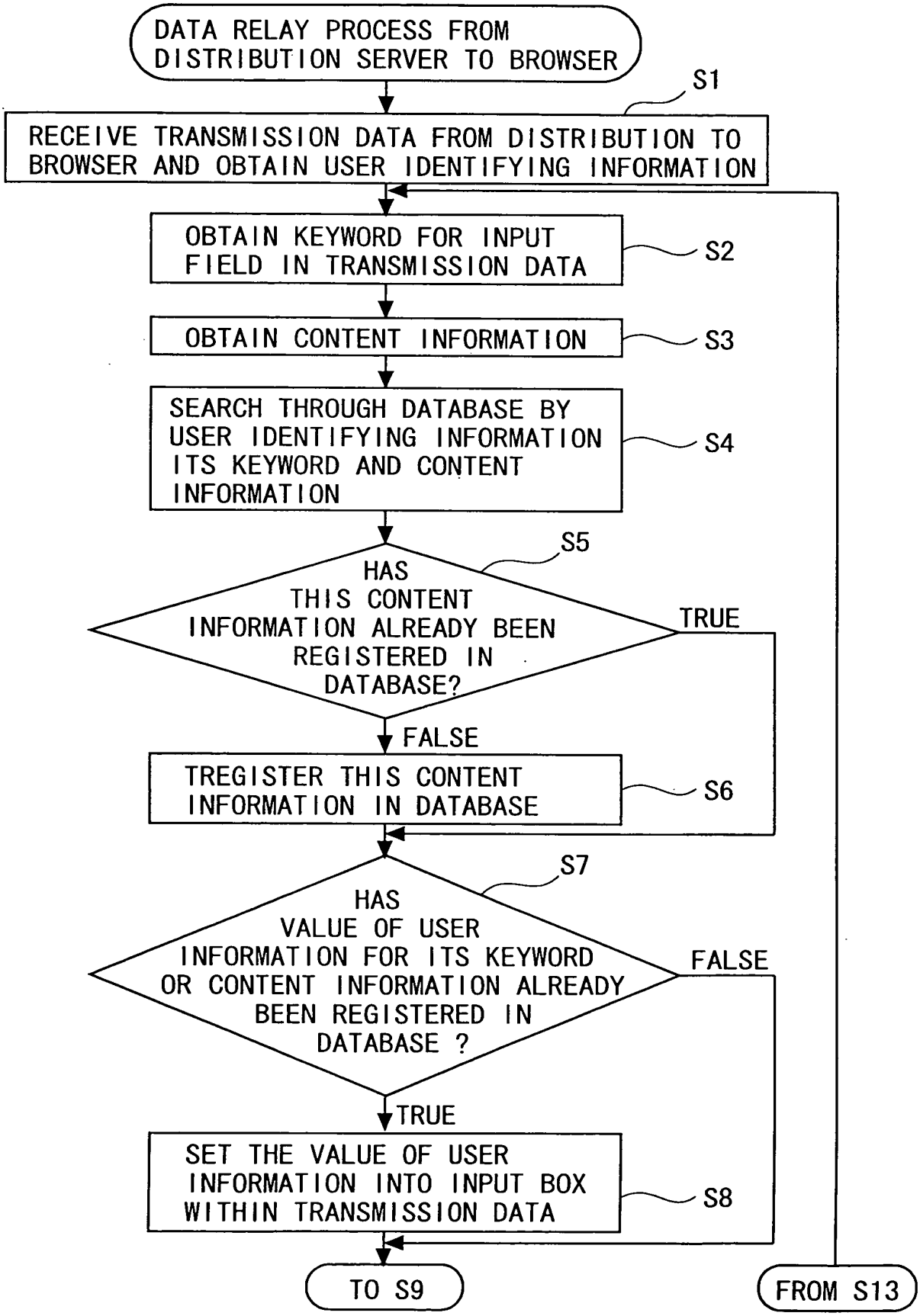

DATA RELAY PROCESS FROM DISTRIBUTION SERVER TO BROWSER
S1
RECEIVE TRANSMISSION DATA FROM DISTRIBUTION TO BROWSER AND OBTAIN USER IDENTIFYING INFORMATION
OBTAIN KEYWORD FOR INPUT FIELD IN TRANSMISSION DATA
S2
OBTAIN CONTENT INFORMATION
S3
SEARCH THROUGH DATABASE BY USER IDENTIFYING INFORMATION ITS KEYWORD AND CONTENT INFORMATION
S4
S5
HAS THIS CONTENT INFORMATION ALREADY BEEN REGISTERED IN DATABASE?
TRUE
FALSE
TREGISTER THIS CONTENT INFORMATION IN DATABASE
S6
S7
HAS VALUE OF USER INFORMATION FOR ITS KEYWORD OR CONTENT INFORMATION ALREADY BEEN REGISTERED IN DATABASE ?
FALSE
TRUE
SET THE VALUE OF USER INFORMATION INTO INPUT BOX WITHIN TRANSMISSION DATA
S8
TO S9
FROM S13

FIG. 10

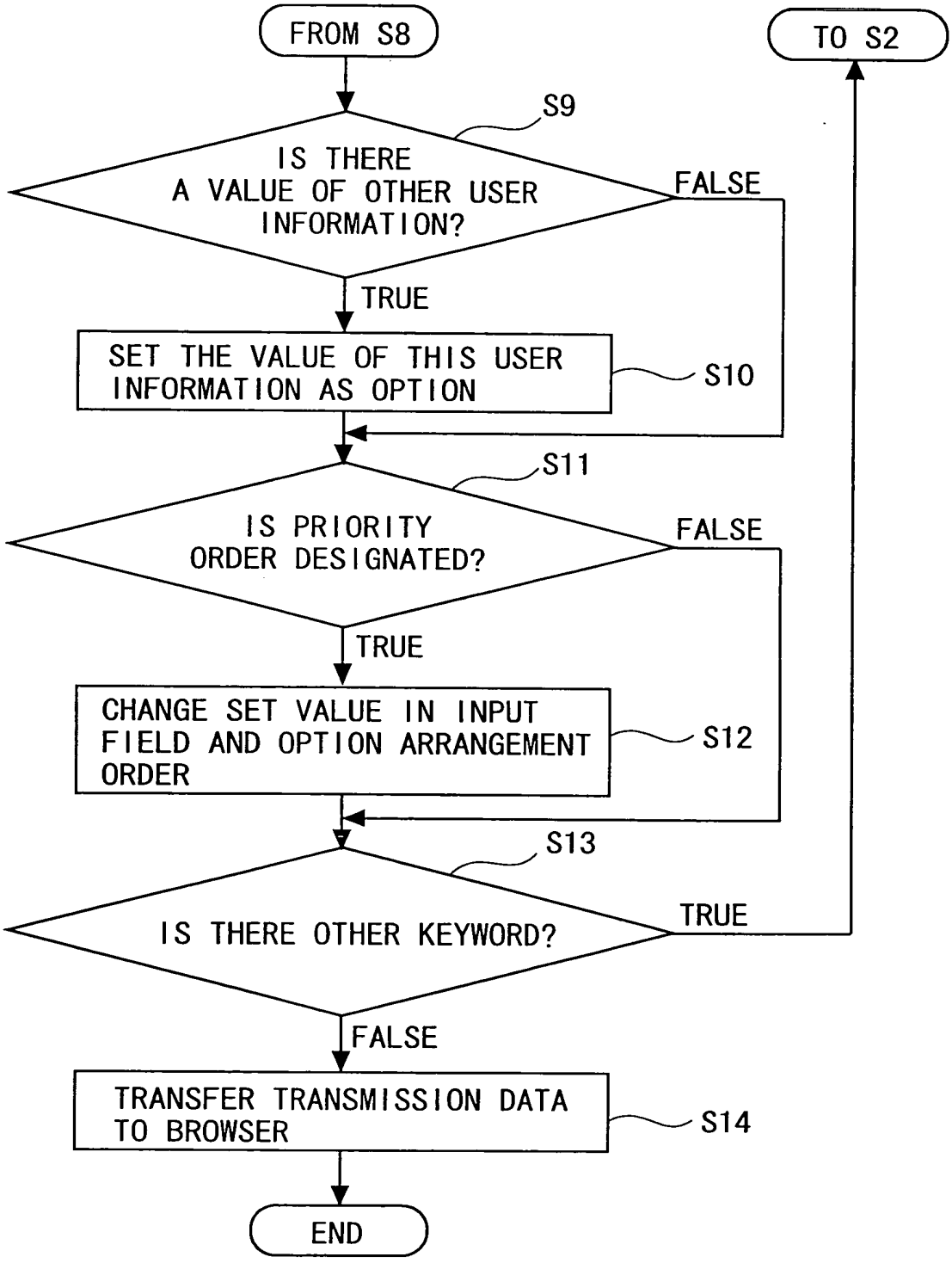

FROM S8
TO S2
S9
IS THERE A VALUE OF OTHER USER INFORMATION?
FALSE
TRUE
SET THE VALUE OF THIS USER INFORMATION AS OPTION
S10
S11
IS PRIORITY ORDER DESIGNATED?
FALSE
TRUE
CHANGE SET VALUE IN INPUT FIELD AND OPTION ARRANGEMENT ORDER
S12
S13
IS THERE OTHER KEYWORD?
TRUE
FALSE
TRANSFER TRANSMISSION DATA TO BROWSER
S14
END

FIG. 11

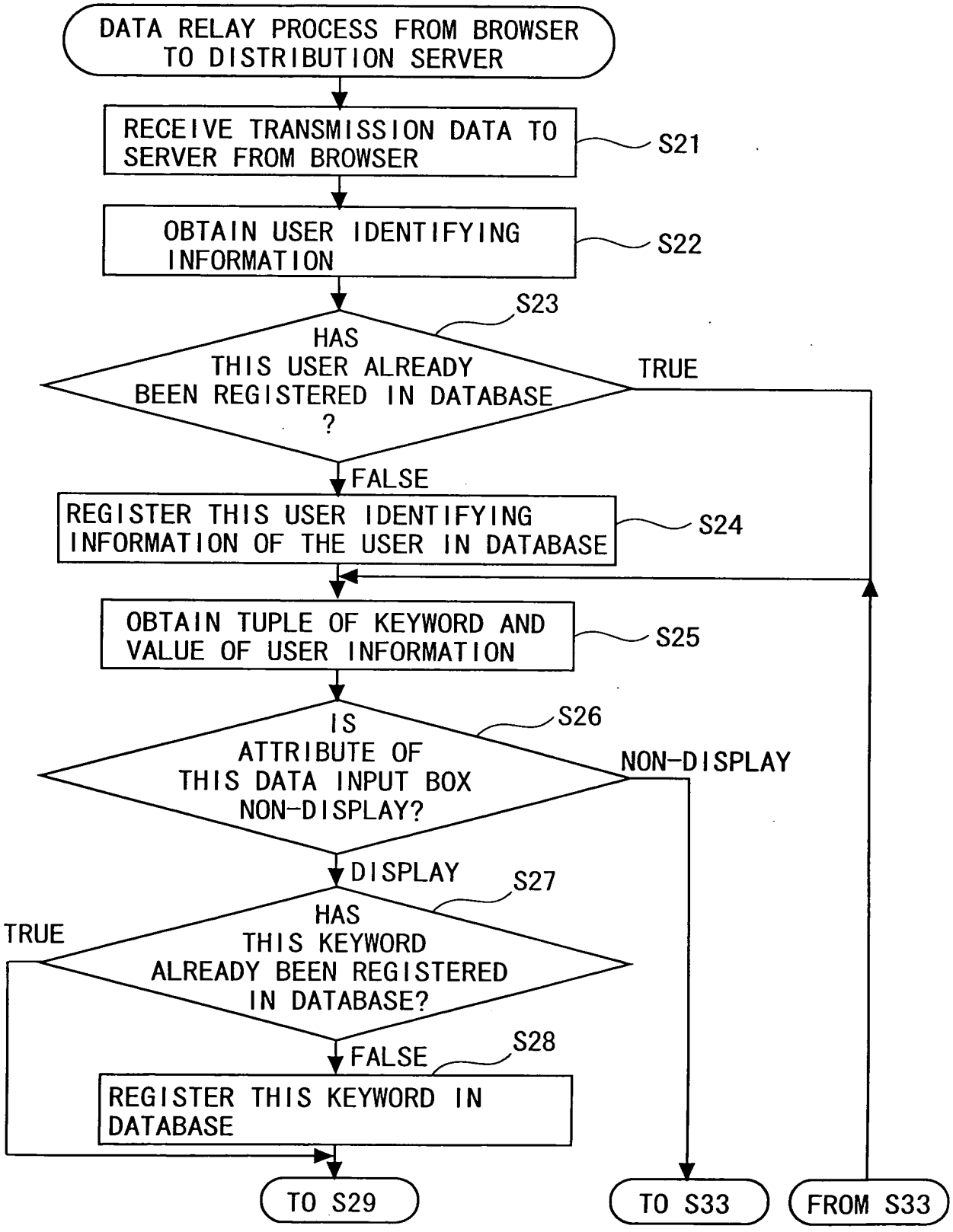

DATA RELAY PROCESS FROM BROWSER TO DISTRIBUTION SERVER
RECEIVE TRANSMISSION DATA TO SERVER FROM BROWSER
S21
OBTAIN USER IDENTIFYING INFORMATION
S22
S23
HAS THIS USER ALREADY BEEN REGISTERED IN DATABASE ?
TRUE
FALSE
REGISTER THIS USER IDENTIFYING INFORMATION OF THE USER IN DATABASE
S24
OBTAIN TUPLE OF KEYWORD AND VALUE OF USER INFORMATION
S25
S26
IS ATTRIBUTE OF THIS DATA INPUT BOX NON-DISPLAY?
NON-DISPLAY
DISPLAY
S27
HAS THIS KEYWORD ALREADY BEEN REGISTERED IN DATABASE?
TRUE
FALSE
S28
REGISTER THIS KEYWORD IN DATABASE
TO S29
TO S33
FROM S33

FIG. 12

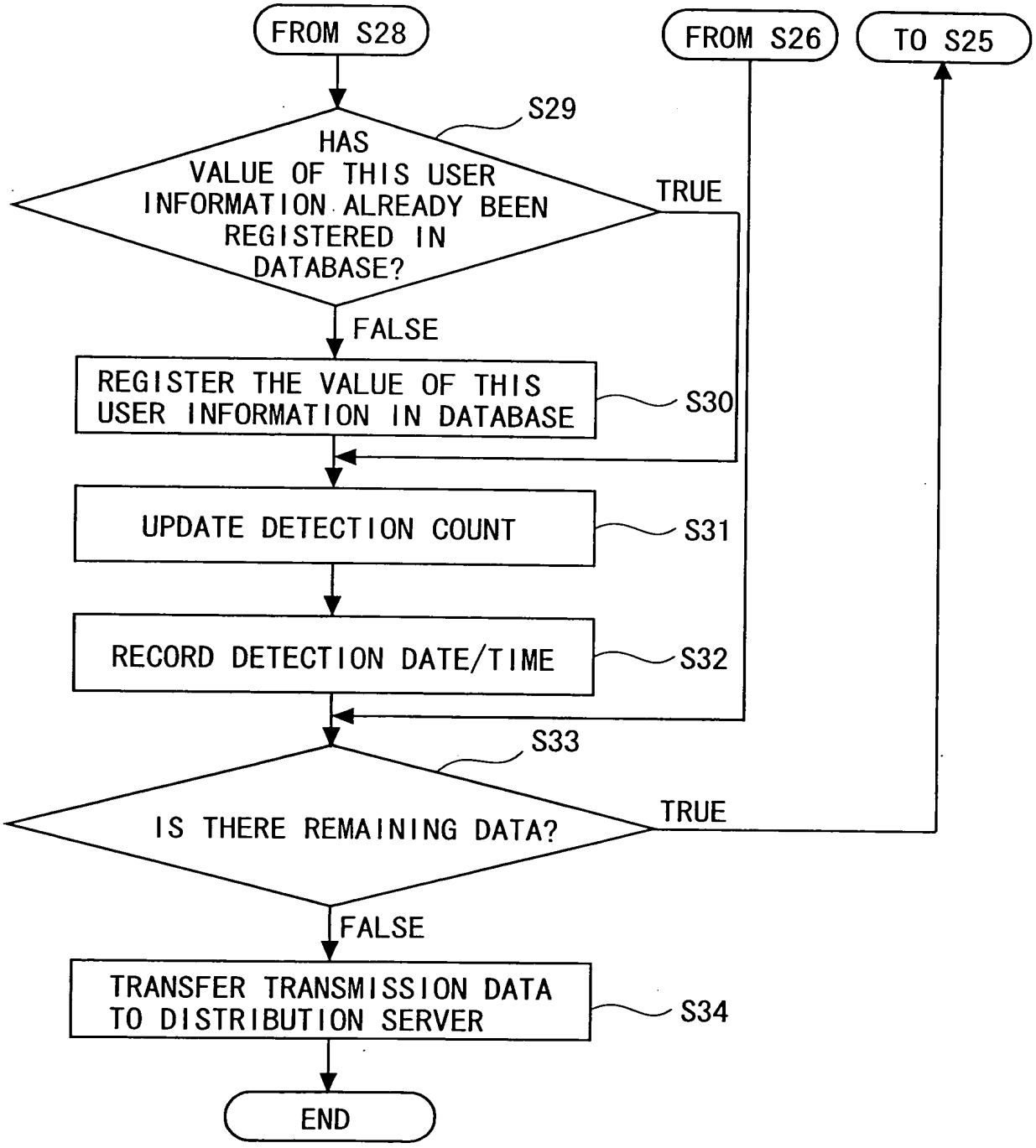

FROM S28
FROM S26
TO S25
S29
HAS VALUE OF THIS USER INFORMATION ALREADY BEEN REGISTERED IN DATABASE?
TRUE
FALSE
REGISTER THE VALUE OF THIS USER INFORMATION IN DATABASE
S30
UPDATE DETECTION COUNT
S31
RECORD DETECTION DATE/TIME
S32
S33
IS THERE REMAINING DATA?
TRUE
FALSE
TRANSFER TRANSMISSION DATA TO DISTRIBUTION SERVER
S34
END

FIG. 13

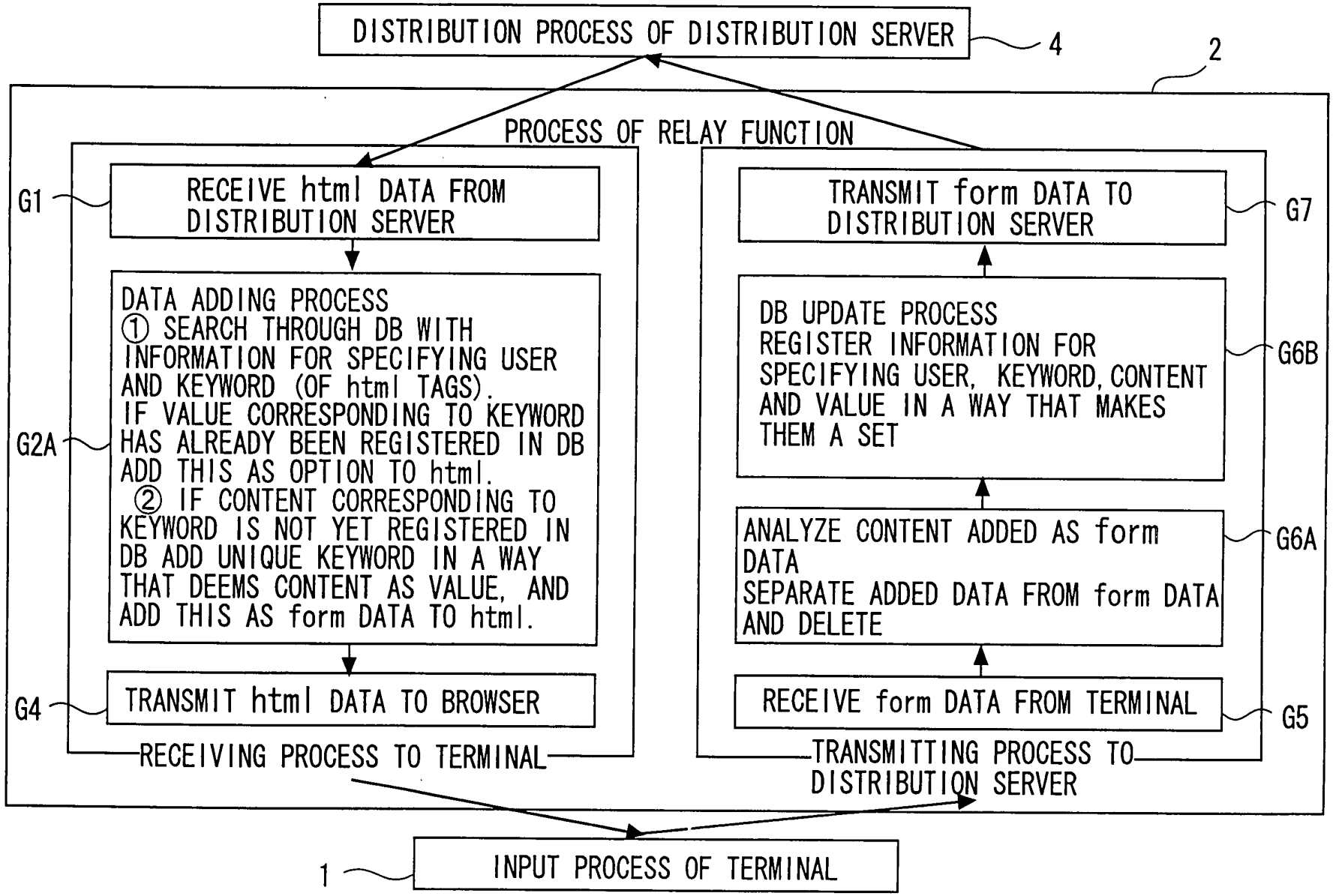

DISTRIBUTION PROCESS OF DISTRIBUTION SERVER
4
2
PROCESS OF RELAY FUNCTION
G1
RECEIVE html DATA FROM DISTRIBUTION SERVER
DATA ADDING PROCESS
① SEARCH THROUGH DB WITH INFORMATION FOR SPECIFYING USER AND KEYWORD (OF html TAGS).
IF VALUE CORRESPONDING TO KEYWORD HAS ALREADY BEEN REGISTERED IN DB ADD THIS AS OPTION TO html.
② IF CONTENT CORRESPONDING TO KEYWORD IS NOT YET REGISTERED IN DB ADD UNIQUE KEYWORD IN A WAY THAT DEEMS CONTENT AS VALUE, AND ADD THIS AS form DATA TO html.
G2A
G4
TRANSMIT html DATA TO BROWSER
RECEIVING PROCESS TO TERMINAL
TRANSMIT form DATA TO DISTRIBUTION SERVER
G7
DB UPDATE PROCESS
REGISTER INFORMATION FOR SPECIFYING USER, KEYWORD, CONTENT AND VALUE IN A WAY THAT MAKES THEM A SET
G6B
ANALYZE CONTENT ADDED AS form DATA
SEPARATE ADDED DATA FROM form DATA AND DELETE
G6A
RECEIVE form DATA FROM TERMINAL
G5
TRANSMITTING PROCESS TO DISTRIBUTION SERVER
1
INPUT PROCESS OF TERMINAL

FIG. 14

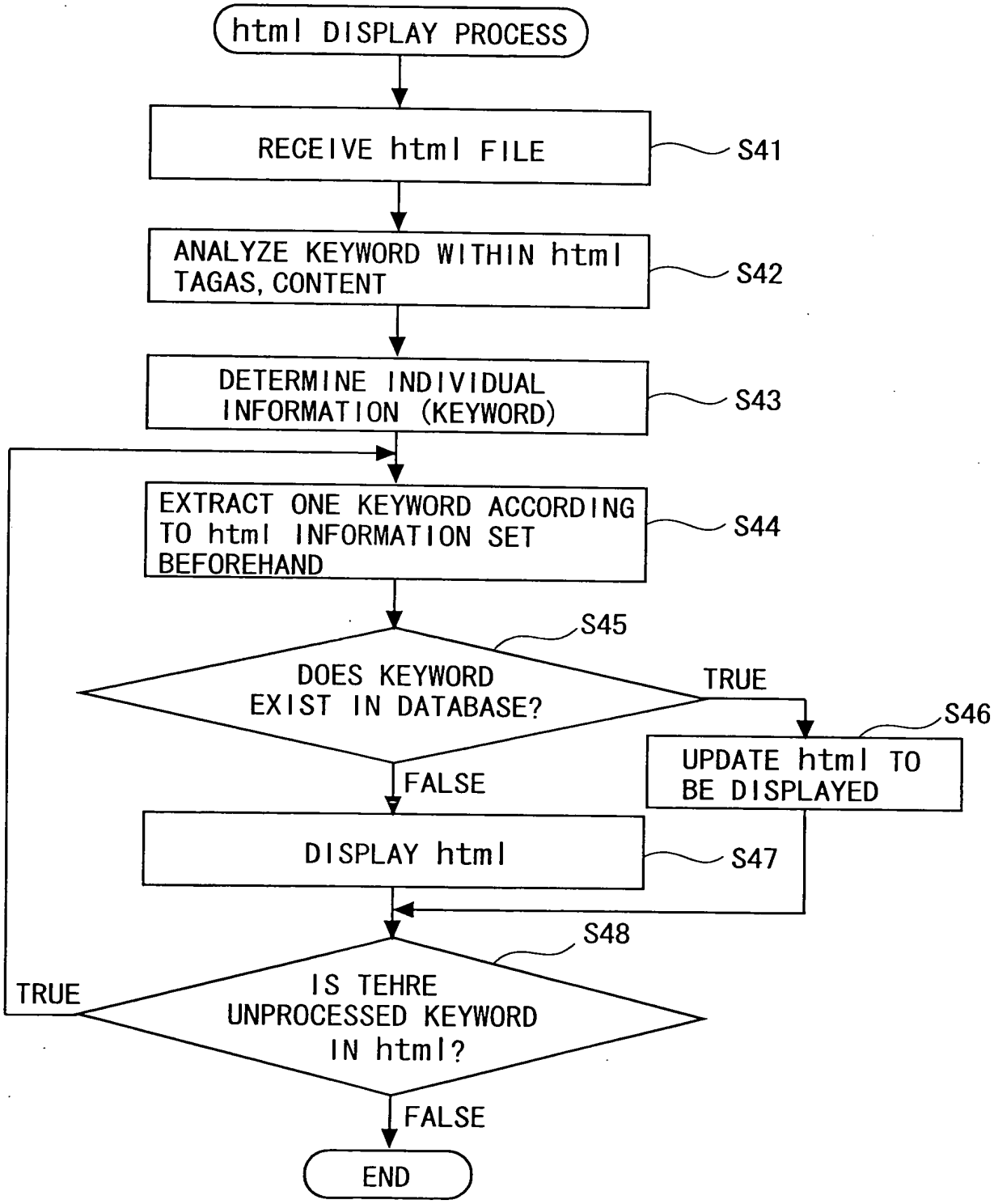

html DISPLAY PROCESS
RECEIVE html FILE
S41
ANALYZE KEYWORD WITHIN html TAGAS, CONTENT
S42
DETERMINE INDIVIDUAL INFORMATION (KEYWORD)
S43
EXTRACT ONE KEYWORD ACCORDING TO html INFORMATION SET BEFOREHAND
S44
S45
DOES KEYWORD EXIST IN DATABASE?
TRUE
S46
UPDATE html TO BE DISPLAYED
FALSE
DISPLAY html
S47
S48
IS TEHRE UNPROCESSED KEYWORD IN html?
TRUE
FALSE
END

FIG. 15

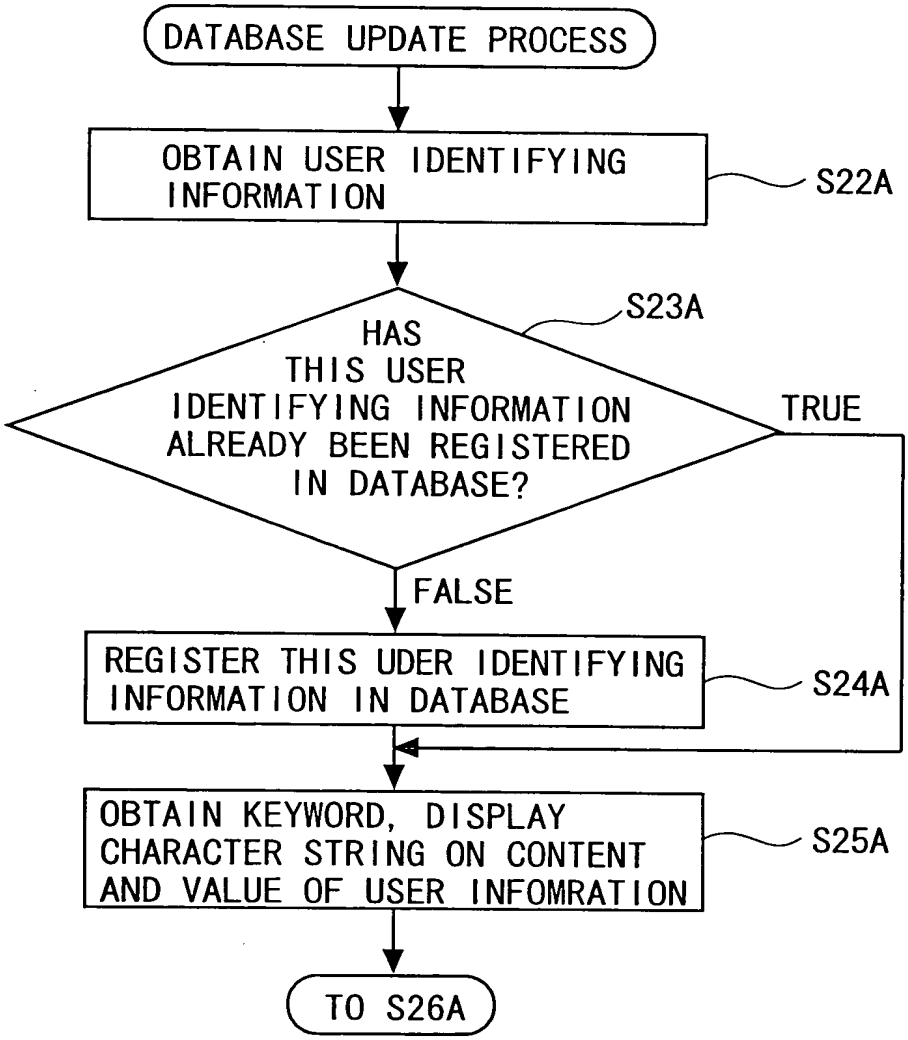
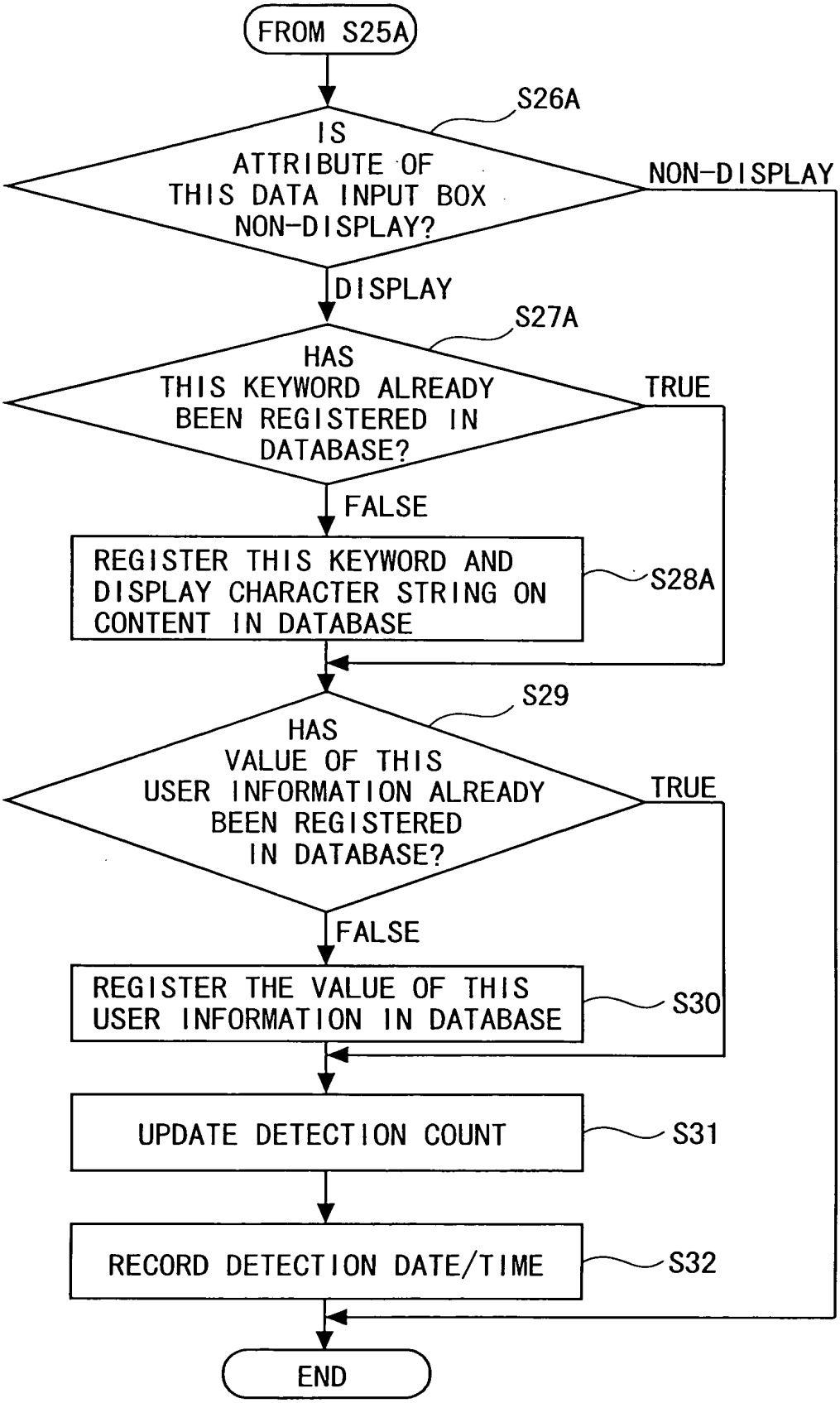

DATABASE UPDATE PROCESS
OBTAIN USER IDENTIFYING INFORMATION
S22A
S23A
HAS THIS USER IDENTIFYING INFORMATION ALREADY BEEN REGISTERED IN DATABASE?
TRUE
FALSE
REGISTER THIS UDER IDENTIFYING INFORMATION IN DATABASE
S24A
OBTAIN KEYWORD, DISPLAY CHARACTER STRING ON CONTENT AND VALUE OF USER INFOMRATION
S25A
TO S26A

FIG. 16


FROM S25A
S26A
IS ATTRIBUTE OF THIS DATA INPUT BOX NON-DISPLAY?
NON-DISPLAY
DISPLAY
S27A
HAS THIS KEYWORD ALREADY BEEN REGISTERED IN DATABASE?
TRUE
FALSE
REGISTER THIS KEYWORD AND DISPLAY CHARACTER STRING ON CONTENT IN DATABASE
S28A
S29
HAS VALUE OF THIS USER INFORMATION ALREADY BEEN REGISTERED IN DATABASE?
TRUE
FALSE
REGISTER THE VALUE OF THIS USER INFORMATION IN DATABASE
S30
UPDATE DETECTION COUNT
S31
RECORD DETECTION DATE/TIME
S32
END